

Title (en)

Methods and apparatus for improving inkjet print quality

Title (de)

Verfahren und Gerät zur Verbesserung der Tintenstrahldruckqualität

Title (fr)

Procédé et dispositif pour améliorer la qualité d'impression à jet d'encre

Publication

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Application

**EP 05001323 A 20020514**

Priority

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- US 86772601 A 20010529

Abstract (en)

An ink-jet printer designed to apply ink to print media (10), includes a pre-treatment applicator (12) operable to apply a treatment fluid to the print media (10); and an ink jet (14) operable to apply ink to the print media (1), the ink being applied within about one minute after the treatment fluid is applied. The printer applies a treatment fluid to the print medium (10), the treatment fluid selected to interact with the ink by causing rapid precipitation of the colorant from the carrier. It then heats the print medium (10) by means of a heater (20) adjacent the location of application of treatment fluid; applying the ink to the medium (10), wherein the ink is applied to the print medium within about one minute after the treatment fluid is applied. <IMAGE>

IPC 1-7

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CPC (source: EP US)

**B41M 5/0011** (2013.01 - EP US); **B41M 5/0017** (2013.01 - EP US); **B41M 5/5236** (2013.01 - EP US)

Citation (search report)

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